



Rails

Development of new railway lines and modernisation of the existing rail infrastructure may require construction and/or rehabilitation of tracks, embankments, bridges, retaining walls and slope protection. Where soils are soft, a project may need:

- ground improvement to increase bearing capacity and control settlement;
- deep foundations to transfer loads to competent bearing strata;
- drainage to accelerate the consolidation of saturated soils before construction; and
- soil nails or anchors to stabilise cuts and slopes.

Keller has taken part in many railway projects worldwide, offering design and construct geotechnical solutions adapted to the unique requirements of each project and the underlying site conditions.

Challenges we can solve

Our extensive geotechnical expertise accumulated over the years enables us to provide cost-efficient solutions and respond flexibly to a variety of challenging situations and conditions.

We use advanced technologies that allow the execution of highly complex works, such as stone columns, wet and dry soil mixing, rigid inclusions, various types of piles, barrettes, diaphragm walls, nails, anchors and sophisticated types of grouting to strengthen and/or seal the ground and to protect rail infrastructure from subsidence and loss of service.

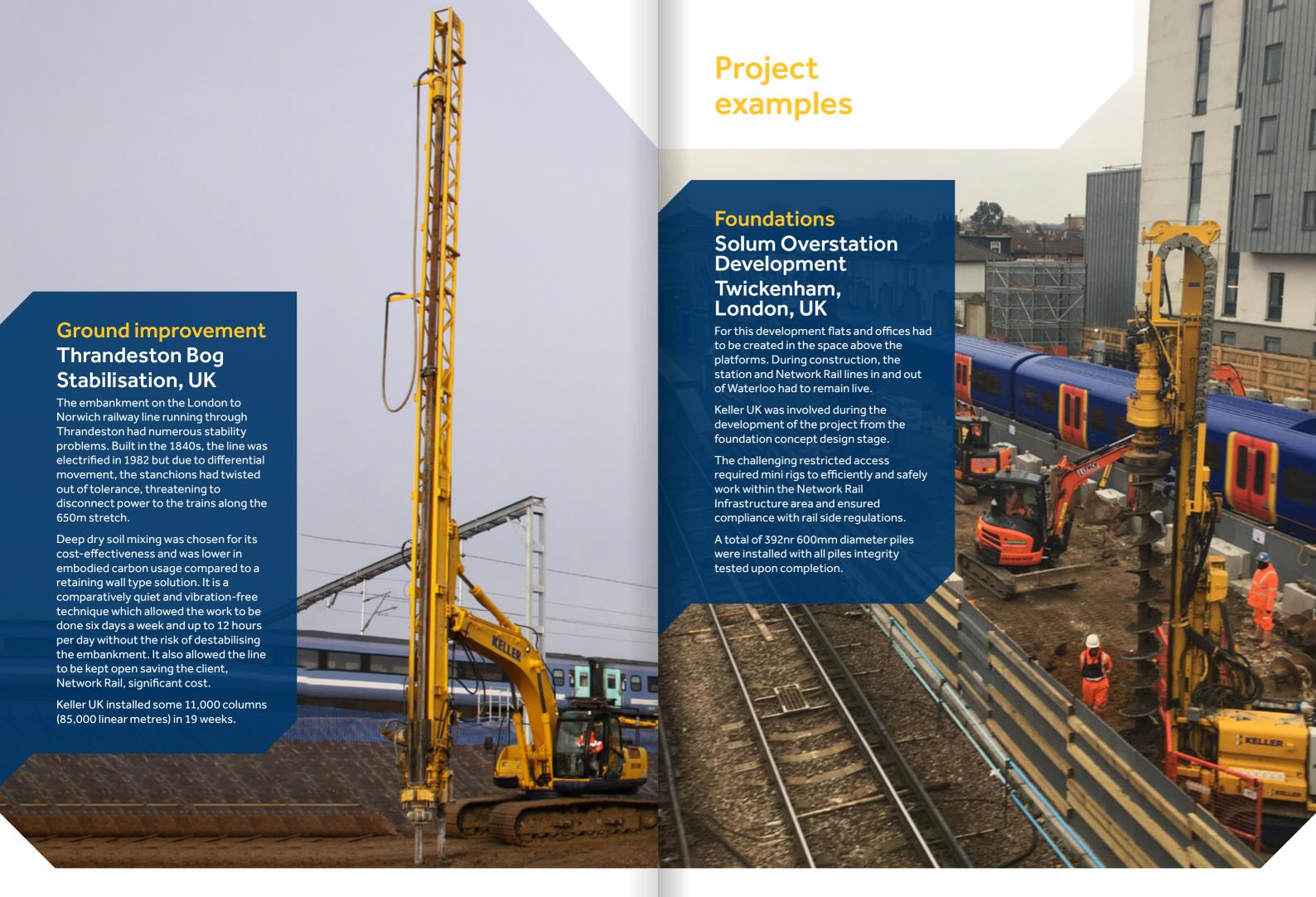
We take special care to keep disruption to a minimum, selecting technology and equipment to ensure operations can continue during the works.

Health and safety

Health and safety is a priority for Keller and we have a proven track record of one of the lowest accident frequency rates in our industry. The commitment of leaders and employees to our Think Safe programme has earned us awards and recognition from industry bodies as well as our clients.

We believe no one should be harmed as a result of any work we do and our ultimate goal is zero incidents.





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